

REMARKS/ARGUMENTS

Reconsideration and allowance in view of the foregoing amendment and the following remarks are respectfully requested.

The Examiners return of copies of Forms PTO-1449 with the Official Action is noted with appreciation. However, it is noted that one of the listed U.S. Patent documents was apparently inadvertently not initialed on one of the Forms returned to the undersigned. A photocopy of the partially initialed Form PTO-1449 is attached. Note that the listed U.S. document has not been initialed but it is believed that this was an inadvertent oversight. It is respectfully requested that the Examiner now return a fully initialed copy of this Form PTO-1449 so that the undersigned's records will be complete.

An Information Disclosure Statement was filed on November 3, 2004. It is respectfully requested that the Examiner now consider the documents cited therein and indicate such consideration by returning an initialed and dated copy of the Form PTO-1449 submitted with the November 3, 2004 Information Disclosure Statement with the next Official Action.

Claims 7-15 and 46-50 are now pending.

Claims 14-15 were rejected under 35 USC 103(a) as being unpatentable over Oosuka et al in view of Burson. Applicant respectfully traverses this rejection.

Claim 14 has been amended hereinabove so as to be more specifically limited to the feature of the invention illustrated in Figures 14 and 15 and discussed in particular at page 30, line 5 - page 32, line 14. Thus, claim 14 now recites more specifically that at least one of the primary spool and the secondary spool has a flange formed at a longitudinal end portion thereof and extending radially beyond an outer circumference of the outer core to cover the longitudinal end portion of the outer core. As a consequent of the recited structure, cracks in the epoxy resin 26 in the vicinity of the

corner of the end portion of outer core 25 are shielded by the flange 23a so that they are less likely to extend to the electric wires connecting secondary coil 21 and primary coil 24, so that the electric wires will not be broken by such cracks.

Neither Oosuka et al nor Burson teach or suggest the extension of a flange, such as the illustrated flange 23a, radially outward beyond an outer circumference of the outer core. It is therefore respectfully submitted that the subject matter of claims 14 and 15 is not anticipated by nor obvious from Oosuka taken alone or in combination with Burson.


In view of the foregoing, reconsideration and withdrawal of the Examiner's rejection of claims 14 and 15 is solicited.

Applicant notes with appreciation the Examiner's indication that claims 7-13 and 45-50 contain allowable subject matter.

All objections and rejections having been addressed, it is respectfully submitted that the present application is in condition for allowance and an early Notice to that effect is earnestly solicited.

Respectfully submitted,

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INFORMATION DISCLOSURE
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APPLICANT

KAWAI et al (As Amended)

FILING DATE

GROUP

July 24, 2003

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4866409	9/1989	Umezaki			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
TTN DE 3113743A1	10/1982	Germany			
WO 93/13533	8/1993	WIPO			
0388146 A1	9/1990	EPO			
0738831 A2	10/1996	EPO			
0827163 A2	3/1998	EPO			
2512714	09/1976	Germany			
0258036	03/1988	EPO			
2302616A	01/1997	Great Britain			
10-112413	04/1998	Japan			
1 125519	08/1989	Japan			
1 63120	04/1989	Japan			
62 197831	12/1987	Japan			
9 186034	07/1997	Japan			
5 267072	10/1993	Japan			
3 236208	10/1991	Japan			
2 301105	12/1990	Japan			
TTN 58-61615	04/1983	Japan			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

TTN	PATENT ABSTRACTS OF JAPAN, Vol. 007, No. 233 (E-204), 15 October 1983 & JP 58 122713A (Hanshin Electric KK), 21 July 1983
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 005, 31 May 1996 & JP 08 017657 A (Nippondenso Co. Ltd.), 19 January 1996
	PATENT ABSTRACTS OF JAPAN, Vol. 010, No. 035 (E-380), 12 February 1986 & JP 60 192313 A (Nippon Denso KK), 30 September 1985
	PATENT ABSTRACTS OF JAPAN, Vol. 013, No. 254 (E-772), 13 June 1989 & JP 01 053514A (Nippon Denso Co. Ltd.), 1 March 1989
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 008, 30 August 1996 & JP 08 086267A (Toyo Denso Co. Ltd.), 2 April 1996
	PATENT ABSTRACTS OF JAPAN, Vol. 097, No. 005, 30 May 1997 & JP 09 017662A (Hitachi Ltd: Hitachi Automot Eng Co Ltd), 17 January 1997
	PATENT ABSTRACTS OF JAPAN, Vol. 018, No. 430 (C-1236), 11 August 1994 & JP 06 128471A (Toray Ind Inc); 10 May 1994
	PATENT ABSTRACTS OF JAPAN, Vol. 096, No. 003, 29 March 1996 & JP 07 312839 A (Mitsubishi Electric Corp); 28 November 1995
TTN	Engineering Drawing No. 029700-4790 of DENSO dated 1990 No MONTH

*Examiner

NGUYEN

Date Considered

9/12/04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)